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Moritex Introduces New Long Working Distance ML05-250N for Compact type Macro Lens Series ML-N

TOKYO – Moritex Corporation(TOKYO:7714), a leading machine vision and digital imaging manufacturer, has added a new long working distance lens, ML05-250N, to its existing lineup. The new ML05-250N enables for the first time a magnification of 0.5x, and a working distance (WD) of 250 mm.

The cost-effective ML-N series macro lenses are used to magnify objects in inspections for PCB, BGA (Ball Grid Array), appearance, and other alignments. The new addition to the non-telecentric macro lens lineup enables magnification and WD that were not possible with the original ML-N series. With the close-up ring, magnification and WD can be changed easily. Additionally, with a longer WD, it is possible to take long-distance shooting and apply various lightings. By combining these lenses and Moritex's lighting solutions such as LED and optical fiber lightguides, users can now perform their preferred image processing.

Moritex, together with its parent company SCHOTT AG, will showcase this new line from November 3 to 5 at the VISION 2009 in Stuttgart, Germany. Sales will start beginning of next year.

Features

Usage: Alignment, exterior inspection, PCB inspection, BGA inspection

Characteristic: Wide-view long working distance

Distortion-less/Magnification and WD adjustable with close-up (macro) ring

Model	Magnification	WD(mm)	Resolution (μm)	Depth of field (mm)	TV distortion	Max. CCD	Weight	Mount
ML05 – 250N	×0.5	250.0	13.3	2.27	<0.06%	<1/2 type	90g	C mount

About [Moritex](#)

[Moritex](#) founded in 1973 is engaged in the businesses of applied optical equipment, functional materials and biotechnology. In the machine vision system division, which is the core business of Moritex, it employs optical and lighting technologies to develop, and manufacture machine vision equipment by combining lenses and lighting systems, primarily for customers in the areas of semiconductor production equipment, electronic components mounting equipment, and LCD manufacturing equipment. Moritex is a global leader in this area.

Moritex releases CCTV lens ML05-250N, enabling for a magnification of 0.5x, and a working distance (WD) of 250 mm.



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